

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES 1 4	
2. AMENDMENT/MODIFICATION NO. 38		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)
6. ISSUED BY John F. Kennedy Space Center, NASA Procurement Office – ODIN – OP-MS Kennedy Space Center, FL 32899		CODE		7. ADMINISTERED BY (If other than Item 6)		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) OAO Corporation 7500 Greenway Center Drive Greenbelt MD 20770				(x)		9A. AMENDMENT OF SOLICITATION NO.
						9B. DATED (SEE ITEM 11)
						10A. MODIFICATION OF CONTRACT/ORDER NO. NAS5-98144/CC90303B
						10B. DATED (SEE ITEM 13) December 1, 2001
CODE		FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS						
<p><input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>						
12. ACCOUNTING AND APPROPRIATION DATA (If required)						

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: NAS5-98144 Contract Clause C.7 Technology Refreshment Process and FAR Clause 52.212-4 Contract Terms and Conditions-Commercial Items, (c) Changes
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Stennis Space Center --- ODIN SERVICES

Technology Infrastructure: SWR NJ00 F2AS 00 Rev 1 and XGHX 2491 00

Change in Delivery Order Price: \$9,585.68 (INCREASE)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR		16B. UNITED STATES OF AMERICA	
15C. DATE SIGNED		16C. DATE SIGNED	
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

1. In accordance with Master Contract NAS5-98144, C.7, Technology Refreshment Process, the technology refreshment services referenced below is hereby incorporated into this Delivery Order at a fixed price of \$9,585.68.

SWR #	Subject	Amount
NJ00 F2AS 00 Rev 1	Install T1 Driver Circuit Card in PointSpan in B1201	\$5,209.08
XGHX 2491 00	Cable Plant Expansion to Pump & Treat building behind B2206 for NASA	4,376.60
	TOTAL	\$9,585.68

2. NJ00 F2AS 00 Rev 1

The contractor shall provide the labor (including, but not limited to, engineering, configuration management, user coordination/scheduling, wiring/cabling and equipment installation) and materials necessary to install new T1 driver circuit card in PointSpan PBX in B1201 in support of VOIP for NAVOCEANO in B1000. This requirement has a DX rating.

- a. The contractor shall perform the following tasks:
 - 1) Install (1) GFE T1 driver card in PBX in B1201 prior to the installation of PointSpan.
 - 2) Purchase and install DS1/IXL/DSX card in PointSpan at B1201.
 - 3) Make cross connects at B1201 and B1000 to activate circuit.
- b. The contractor shall provide the following material:
 - 1) 1 each Card, Trunk, DS1/IXL/DSX Digital with cable (993-0055-338)
- c. The contractor shall test the equipment prior to installation and shall test the overall system between B1201 and B1000 to NAVOCEANO router.
- d. Schedule: The completion of this effort shall be (4) four weeks after the receipt of a signed Modification.

3. XGHX 249100

The contractor shall provide the labor (including, but not limited to, engineering, configuration management, user coordination/scheduling, wiring/cabling and equipment installation) and materials necessary to place 5 pair buried service wire install level 3 jacks in Pump & Treat building (one for telephone and one for EMCS dial up circuit).

- a. The contractor , with its subcontractor, shall perform the following tasks:
 - 1) Trench from B2206 to new Pump & Treat building.
 - 2) Install (1) 1" electrical conduit at B2206 for 5-pair buried service wire to get into building.
 - 3) Install (1) 5-pair buried service wire from B2206 to new Pump & Treat building.
 - 4) Install (1) 6-pair protector at each building and ground to an approved ground.
 - 5) Terminate 6-pair wire on 6-pair protector at each building.
 - 6) Install (1) 4-pair level 3 wire to jack locations. (1 for phone and 1 for EMCS dial up circuit)
 - 7) Install (1) wall mount jack for telephone.
 - 8) Install (1) surface mount jack for the EMCS dial up circuit.
 - 9) Test and label jacks.

- b. The contractor shall provide the following material:
- 1) 300 FT of 4-pair level 3 PVC wire (CM-00424BAG-3U)
 - 2) 120 FT of 5-pair buried service wire (F-05P22DAF)
 - 3) 40 FT of # 6 ground wire (1A-0601)
 - 4) 2 each 6-pair station protectors
 - 5) 1 each surface mount RJ11 jack (105648)
 - 6) 1 each wall mount RJ11 jack (126261)
 - 7) 1 each 10 FT 1" electrical conduit
5. Part II "Contract Administration Data", Item 4, is revised as indicated below to incorporate the increase of \$9,585.68 for this infrastructure upgrade:

4. TOTAL DELIVERY ORDER VALUE (through Mod No. 38)

Ordered Seats/Service Levels (Attachment A)	\$2,133,364.03
Catalog Actuals	\$87,819.69
Specialized Services	\$2,250.00
Infrastructure Upgrades	\$896,799.98
Sub-total	\$3,120,233.70
Less credits	(\$353.95)
Less retainage not earned	(\$13,356.31)
Sub-total	\$3,106,523.44
Seats/Service levels projected through 11/30/04	\$13,489,817.69
Total Estimated Delivery Order Value:	\$16,596,341.13

6. Part V "Technology Infusion (Infrastructure Upgrades)", Item 2 is modified to include the subject infrastructure upgrades. The signed date and completion date will be completed in a future infrastructure upgrade modification.

Mod. No.	Description of Work	Date Signed	Completion Date	Modification Value
38	NJ00 F2AS 00 Rev 1 Install T1 Driver Circuit Card in PointSpan in B1201			\$5,209.08
38	XGHX 2491 00 Cable Plant Expansion to Pump & Treat building behind B2206 for NASA			\$4,376.60

7. Payment Schedule: Invoicing and Payment for this modification will be made in accordance with Master Contract NAS5-98144, FAR 52.212-4: Commercial Items (May 1997) (Modified).
8. Reporting requirements: The contractor shall provide monthly status reports to the SSC Alternate DOCOTR, with a copy to the DOCO. These reports shall include, as a minimum, installation progress, and potential problem areas.

9. In consideration of the modification agreed to herein as complete equitable adjustment for the changes set forth, the Contractor hereby releases the Government from any and all liability under this delivery order for further equitable adjustments attributable to such facts or circumstances giving rise to these changes.
10. All other terms and conditions of this Delivery Order remain unchanged and in full force and effect.